

pocket behind the antitragal ridge * ; skull short and high ; inner portions of upper m^1 and m^2 slender and weak ; last lower molar without median external cusp ; (upper lip grooved ; metatarsus hairy down to plantar pad ; hallux absent).

- i. Pollex retained *Cynictis*.
 i'. Pollex suppressed *Paracynictis*.

LIII.—On Two new Parasitic Mites (*Myocoptes hintoni* and *Psoroptes natalensis*). By STANLEY HIRST.

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Myocoptes hintoni, sp. n.

♀. The minute little *scutum* (at the extreme anterior end of the *dorsum*) angular posteriorly in the middle, but not ending in a slender, median, spine-like process, as in *M. musculinus*, Koch, and *M. tenax*, Michael. The new species can also be readily recognized by the four very long hairs (a pair on each side) that are present (on the venter) at the posterior end of the body, instead of only two long hairs in this position (one on each side), as in *M. musculi*, *M. tenax*, etc.

Length of body 340 μ , its width 170 μ .

Host: English Squirrel (*Sciurus vulgaris*), Exeter, October 1918.

Psoroptes natalensis, sp. n.

♂. Second hair from each side on abdominal lobe fairly long and shaped like a very fine lance, the distal half being distinctly flattened (blade-like), instead of cylindrical as in *P. ovis*, *P. capræ*, *P. cuniculi*, *P. equi* (and also *P. bovis*, according to Berlese's description and figure). Middle hair on lobe long and fine. Outermost hair quite short. Innermost hair very fine and comparatively long.

Length of body (including capitulum and posterior lobes) 420 μ , its width 290 μ .

Material. A number of specimens found on cattle at Richmond, Natal, 1896 (C. D. Soar's collection).

Note.—In the genus *Chorioptes* (including *C. bovis*) the central hairs on the abdominal lobes of the male are modified in much the same way as in this new species, but the flattened portion is very much wider and the pedicles of the tarsi bearing the pulvilli are quite short instead of elongated and segmented, as in *Psoroptes natalensis*, etc.

* The characters of the feet and ear need verification in the case of *Paracynictis*, only dried skins of the genus being available for examination.